

PnOT/B

## SEQUENCE LISTING

<110> Gross, Hans Joachim  
 Schmidt, Werner  
 Reuter, Tanja  
 Hoehn, Holger  
 Heterich, Sabine

<120> cDNA Sequence of an Interactor FANCIPL  
 of the Fanconi Anaemia Protein of Complementation Group A

<130> 50125/026001

<140> US 09/890,689  
 <141> 2001-08-02

<150> PCT/EP00/00506  
 <151> 2000-01-24

<150> DE 199 04 650.6  
 <151> 1999-02-05

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1553

<212> DNA

<213> Homo sapiens

<400> 1

aaatccagg attaaccttc atttcagcta atcatggag agattaaagt ctctccgtat 60  
 tataacttgt tttaggtatc agttccccctt aaaaagatta ttgtggatga tgatgacagt 120  
 aagatatggt cgctctatga cgcggggccc cgaagtatca ggtgcctctt catatccctg 180  
 cccctctgtca gtggaaatgc agatgtttt ttccggcaga ttttgctctt gactggatgg 240  
 ggttacccggg ttatcgctt cgatgtatcca gtttattttgg accatctcgat gtctgtgtat 300  
 ggatccaggaa aactttttaga ccattttaca ttggataaaat ttcatctttt tggcgcttct 360  
 ttgggaggctt ttttggccca gaaattttgtt gaatacactc acaaataatcc tagagtccat 420  
 tccctaatacc tctgcatttc cttcgtgtac acctctatct tcaaccaaaaat ttggactgtca 480  
 aacagttttt ggctgtatgc ttcatgttttgc ctaaaaaaaaa tagttcttgg aaatttttca 540  
 tctggcccggtt tgccacctat gatgtgtat gcattttgtt tcatgtttaga caggctctaa 600  
 agtttgggtc agatgttaactt ggctttcaatc ttcttttttttgc atttttatgttgc 660  
 gaaccttcata aatccgggata cataccatgtatc attttatgttgc attttttttttgc 720  
 ctttcaacttgc aagctaaaga agaaatgttac aagctgtatc ctaatggcccg aagagctcat 780  
 ctggaaacccatc gaggccatcc cccatacttgc tgcaggaaatgc ttttttttttgc 840  
 catagatcatttttgc tgcatttttttgc cccatggacc aataatccggg ccatttttttgc 900  
 agtgcggaggc agcttgcaggat gcggaaaaggc agcccttggca tcagccggaggc ggaggcagg 960  
 tttgttcttc gctgttcaatg atgatgttgc ccgggtgtttt ctgttataatgttgc ttttttttttgc 1020  
 agcacccgttc agccggccctt ttcccttcagg ttccgttgcaggc tcacccggttc tcaatgttgc 1080  
 tgggaatgttgc gactgtatgc catcttcatgttgc acaggccggc ttttttttttgc 1140  
 ctgttccctt ttttttttttgc ttttttttttgc aattttttttgc aattttttttgc 1200  
 ttttaaaggac ctgttgcaggat ttgttgcatttttttgc aatgttttttttgc ttttttttttgc 1260  
 gtttaatgttgc gagggttttttttgc aatgttttttttgc ttttttttttgc 1320  
 cttttttttttgc ttttttttttgc aatgttttttttgc ttttttttttgc 1380  
 atgggttttttgc ttttttttttgc aatgttttttttgc ttttttttttgc 1440  
 atgttttttttgc ttttttttttgc aatgttttttttgc ttttttttttgc 1500

tgttagctac tgcctttcta gatattagtc atttggaaaata aaaattcaat ttc 1553

<210> 2  
<211> 308  
<212> PRT  
<213> Homo sapiens

<400> 2  
Met Gly Glu Ile Lys Val Ser Pro Asp Tyr Asn Trp Phe Arg Gly Thr  
1 5 10 15  
Val Pro Leu Lys Lys Ile Ile Val Asp Asp Asp Asp Ser Lys Ile Trp  
20 25 30  
Ser Leu Tyr Asp Ala Gly Pro Arg Ser Ile Arg Cys Pro Leu Ile Phe  
35 40 45  
Leu Pro Pro Val Ser Gly Thr Ala Asp Val Phe Phe Arg Gln Ile Leu  
50 55 60  
Ala Leu Thr Gly Trp Gly Tyr Arg Val Ile Ala Leu Gln Tyr Pro Val  
65 70 75 80  
Tyr Trp Asp His Leu Glu Phe Cys Asp Gly Phe Arg Lys Leu Leu Asp  
85 90 95  
His Leu Gln Leu Asp Lys Val His Leu Phe Gly Ala Ser Leu Gly Gly  
100 105 110  
Phe Leu Ala Gln Lys Phe Ala Glu Tyr Thr His Lys Ser Pro Arg Val  
115 120 125  
His Ser Leu Ile Leu Cys Asn Ser Phe Ser Asp Thr Ser Ile Phe Asn  
130 135 140  
Gln Thr Trp Thr Ala Asn Ser Phe Trp Leu Met Pro Ala Phe Met Leu  
145 150 155 160  
Lys Lys Ile Val Leu Gly Asn Phe Ser Ser Gly Pro Val Asp Pro Met  
165 170 175  
Met Ala Asp Ala Ile Asp Phe Met Val Asp Arg Leu Glu Ser Leu Gly  
180 185 190  
Gln Ser Glu Leu Ala Ser Arg Leu Thr Leu Asn Cys Gln Asn Ser Tyr  
195 200 205  
Val Glu Pro His Lys Ile Arg Asp Ile Pro Val Thr Ile Met Asp Val  
210 215 220  
Phe Asp Gln Ser Ala Leu Ser Thr Glu Ala Lys Glu Glu Met Tyr Lys  
225 230 235 240  
Leu Tyr Pro Asn Ala Arg Arg Ala His Leu Lys Pro Gly Gly Asn Phe  
245 250 255  
Pro Tyr Leu Cys Arg Ser Ala Glu Val Asn Leu Tyr Val Gln Ile His  
260 265 270  
Leu Leu Gln Phe His Gly Thr Lys Tyr Ala Ala Ile Asp Pro Ser Met  
275 280 285  
Val Ser Ala Glu Glu Leu Glu Val Gln Lys Gly Ser Leu Gly Ile Ser  
290 295 300  
Gln Glu Glu Gln  
305

<210> 3  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer

<400> 3

accagcctct tgctgagtgg agatg	25
<210> 4	
<211> 25	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer	
<400> 4	25
gacaaggccga caaccttgat tggag	
<210> 5	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer	
<400> 5	20
gggggcagga atatgagagg	
<210> 6	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer	
<400> 6	20
ttaaagggga actgtacctc	
<210> 7	
<211> 6	
<212> DNA	
<213> Homo sapiens	
<400> 7	6
aataaaa	